RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: _10/810,976A_
Source: _1FWJ6,_
Date Processed by STIC: _10/5/05_

ENTERED

IFW16

```
    3 <110> APPLICANT: Young, Won-Bin
    4         Link, Charles J.
    6 <120> TITLE OF INVENTION: METHODS FOR HIGH THROUGHPUT ELUCIDATION OF TRANSCRIPTIONAL
    7         PROFILES AND GENOME ANNOTATION
    9 <130> FILE REFERENCE: P05768US01
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/810,976A
   12 <141> CURRENT FILING DATE: 2004-03-26
   14 <150> PRIOR APPLICATION NUMBER: US 60/458,152
   15 <151> PRIOR FILING DATE: 2003-03-27
   17 <160> NUMBER OF SEQ ID NOS: 11
   19 <170> SOFTWARE: PatentIn version 3.3
   21 <210> SEQ ID NO: 1
   22 <211> LENGTH: 11
   23 <212> TYPE: DNA
   24 <213> ORGANISM: Unknown
   26 <220> FEATURE:
   27 <223> OTHER INFORMATION: A hemi-methylated cleaved by BglI
   30 <220> FEATURE:
   31 <221> NAME/KEY: misc_feature
   32 <222> LOCATION: (4)..(8)
   33 <223> OTHER INFORMATION: n is a, c, g, or t
   35 <400> SEQUENCE: 1
W--> 36 gccnnnnngg c                                                11
   39 <210> SEQ ID NO: 2
   40 <211> LENGTH: 23
   41 <212> TYPE: DNA
   42 <213> ORGANISM: Artificial sequence
   44 <220> FEATURE:
   45 <223> OTHER INFORMATION: Primer
   47 <400> SEQUENCE: 2
   48 gcaccgcctg gagaagacct acg                                    23
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   52 <211> LENGTH: 19
   53 <212> TYPE: DNA
   54 <213> ORGANISM: Artificial sequence
   56 <220> FEATURE:
   57 <223> OTHER INFORMATION: Primer
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   60 ggcggggctc aggatgtcg                                         19
   63 <210> SEQ ID NO: 4
   64 <211> LENGTH: 21
   65 <212> TYPE: DNA
   66 <213> ORGANISM: Artificial sequence
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 69 <223> OTHER INFORMATION: Nested primer
 71 <400> SEQUENCE: 4
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 75 <210> SEQ ID NO: 5
 76 <211> LENGTH: 21
 77 <212> TYPE: DNA
 78 <213> ORGANISM: Artificial sequence
 80 <220> FEATURE:
 81 <223> OTHER INFORMATION: Nested primer
 83 <400> SEQUENCE: 5
 84 gttgttcacc acgccctcca g                                        21
 87 <210> SEQ ID NO: 6
 88 <211> LENGTH: 21
 89 <212> TYPE: DNA
 90 <213> ORGANISM: Artificial sequence
 92 <220> FEATURE:
 93 <223> OTHER INFORMATION: Primer
 95 <400> SEQUENCE: 6
 96 gcctcttcgc tattacgcca g                                        21
 99 <210> SEQ ID NO: 7
100 <211> LENGTH: 22
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Primer
107 <400> SEQUENCE: 7
108 cggctcgtat gttgtgtgga at                                       22
111 <210> SEQ ID NO: 8
112 <211> LENGTH: 31
113 <212> TYPE: DNA
114 <213> ORGANISM: Artificial sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Oligonucleotide strand, wherein N denotes a random
nucleotide
120 <220> FEATURE:
121 <221> NAME/KEY: misc_feature
122 <222> LOCATION: (30)..(31)
123 <223> OTHER INFORMATION: n is a, c, g, or t
125 <400> SEQUENCE: 8
W--> 126 gggaataagg gcgacacgga aatggtaccn n                         31
129 <210> SEQ ID NO: 9
130 <211> LENGTH: 29
131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Oligonucleotide strand
137 <400> SEQUENCE: 9
138 ggtaccattt ccgtgtcgcc cttattccc                                29
141 <210> SEQ ID NO: 10
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RAW SEQUENCE LISTING   DATE: 10/05/2005
PATENT APPLICATION: US/10/810,976A   TIME: 11:20:49

                Input Set : **A:\Methods for High Throughout Elucidation**
P05768US01.ST25.txt
                Output Set: **N:\CRF4\10052005\J810976A.raw**

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143 <212> TYPE: PRT
144 <213> ORGANISM: artificial sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: c-myc epitope tag
149 <400> SEQUENCE: 10
151 Glu Gln Lys Leu Ile Ser Glu Glu Asp Leu
152 1               5                    10
155 <210> SEQ ID NO: 11
156 <211> LENGTH: 8
157 <212> TYPE: PRT
158 <213> ORGANISM: artificial sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: FLAG epitope tag
163 <400> SEQUENCE: 11
165 Asp Tyr Lys Asp Asp Asp Asp Lys
166 1               5
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 10/05/2005
PATENT APPLICATION: US/10/810,976A   TIME: 11:20:50

Input Set : **A:\Methods for High Throughout Elucidation**
P05768US01.ST25.txt
Output Set: **N:\CRF4\10052005\J810976A.raw**

Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 4,5,6,7,8--
Seq#:8; N Pos. 30,31

VERIFICATION SUMMARY   DATE: 10/05/2005
PATENT APPLICATION: **US/10/810,976A**   TIME: 11:20:50

Input Set : **A:\Methods for High Throughout Elucidation**
P05768US01.ST25.txt

Output Set: **N:\CRF4\10052005\J810976A.raw**

L:11 M:270 C: Current Application Number differs, Wrong Format
L:36 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:0
L:126 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0